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Introduction

This chapter of the Potential Site Study report provides SPC with EFSEC's recommended format for the Application for Site Certification (ASC). The ASC is to consist of the following parts:

- Cover Letter
- Part I: Environmental Report
- Part II: Technical Appendices

The remainder of this portion of the Potential Site Study consists of the following:

- Section A: outline of the cover letter
- Section B: outline for the Environmental Report
- Section C: list of technical appendices
- Section D: guidance table

Table 1, presented in Section D, indicates in which part of the ASC the response for each section of Chapter 463-42 WAC is to be located. The recommended format for the ASC and the guidance presented in Table 1 were developed based on two assumptions: (1) the environmental report (ER) (Part I of the ASC) is to be prepared at the level of detail normally expected in an environmental impact statement, and (2) the details required by Chapter 463-42 WAC (but beyond those normally included in an environmental impact statement) are to be presented in Part II (Technical Appendices) of the ASC. However, SPC has the option of expanding the information presented in Part II of the ASC and including all technical information required by the relevant sections of Chapter 463-42 WAC.

Guidelines regarding the content to be included within the recommended format are presented in Chapter IV of this Potential Site Study, Application Guidelines and Criteria.

Several sections of Chapter 463-42 WAC are general informational statements and do not require a response in the ASC (see Table 1). In addition, Table 1 also identifies sections of Chapter 463-42 WAC that are not applicable to the ASC; for example, SPC will not be required to provide a response to WAC 463-42-665 in the ASC regarding a detailed site restoration plan for terminated projects.

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A: Cover Letter to the Application

The ASC is to include a cover letter and additional material as indicated below.

ASC Cover Letter

SPC shall submit a cover letter for the ASC. This cover letter shall include information required by the following sections of Chapter 463-42 WAC:

- designation of agent;
- a full disclosure statement;
- certification that all EFSEC application requirements have been reviewed, the data have been prepared by qualified professional personnel, and the application is substantially complete; and
- a waiver request (and justification) for sections of Chapter 463-42 WAC that are not applicable to the project.

Accompanying Material

SPC shall provide the following with the cover letter to the ASC:

- the appropriate number of paper copies of the ASC;
- a digital copy of the ASC;
- application fee; and
- copies of applicable land use plans and zoning ordinances.

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B: Outline for ASC Part I – Environmental Report

The outline presented below lists the recommended major headings and subheadings for the ER. Where appropriate, SPC may combine subheadings to avoid redundancy or for other reasons related to clarity and conciseness of presentation.

Part I of the ASC shall have a table of contents that provides a listing of all key sections within the application, including the Technical Appendices included in Part II of the ASC.

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1.2 Purpose and Need for the Project
1.3 Description of Alternatives

- 1.3.1 Proposed Action
- 1.3.2 No-Action Alternative
- 1.3.3 Alternatives Considered

1.4 Summary of Public Involvement/Consultation/Coordination
1.5 Significant Areas of Controversy or Uncertainty
1.6 Summary of Potential Impacts, Mitigation Measures, and Significant Unavoidable Adverse Impacts

2.0 Proposed Action and Alternatives

This portion of the ASC should provide EFSEC with sufficient information to understand the Starbuck Project, including the basis for understanding the potential environmental impacts of the project. For some sections of Chapter 463-42 WAC, only a portion of the section applies to the needs of the ER and the additional details are to be included in Part II of the ASC (Table 1 provides additional guidance).

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3.0 Existing Conditions, Impacts, and Mitigation Measures

For the proposed Starbuck Power Project, the proposed natural gas pipeline will extend approximately 200 feet outside of the plant site, and the electrical switchyard will be located immediately adjacent to the generation plant. To simplify the format of the ER, except where noted, discussions of existing environmental conditions and impacts for the generation plant are to include the areas where the electrical switchyard and the natural gas pipeline are proposed to be constructed, operated, and maintained.

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3.15.2.1 Construction

3.15.2.1.1 Generation Plant
3.15.2.1.2 Water Pipeline
3.15.2.1.3 Transmission Line

3.15.2.2 Operation and Maintenance

3.15.2.2.1 Generation Plant
3.15.2.2.2 Water Pipeline
3.15.2.2.3 Transmission Line

3.15.3 Environmental Impacts of Alternatives
3.15.4 Mitigation Measures

3.15.4.1 Construction
3.15.4.2 Operation and Maintenance

3.15.5 Cumulative Impacts
3.15.6 Significant Unavoidable Adverse Impacts

3.16 Health and Safety

3.16.1 Existing Health Risks
3.16.2 Environmental Impacts of the Proposed Action

3.16.2.1 Construction

3.16.2.1.1 Generation Plant
3.16.2.1.2 Water Pipeline
3.16.2.1.3 Transmission Line

3.16.2.2 Operation and Maintenance

3.16.2.2.1 Generation Plant
3.16.2.2.2 Water Pipeline
3.16.2.2.3 Transmission Line

3.16.3 Environmental Impacts of Alternatives
3.16.4 Mitigation Measures

3.16.4.1 Construction
3.16.4.2 Operation and Maintenance

3.16.5 Cumulative Impacts
3.16.6 Significant Unavoidable Adverse Impacts

4.0 References Cited

5.0 Acronym List

6.0 List of Preparers

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C: Outline for ASC Part II – Technical Appendices

The following appendices shall be included in the ASC, unless all necessary information is included in the ER. If SPC provides all information regarding a specific topic in the ER, the appendix shall be limited to a statement that this has been done.

SPC may, at its discretion, provide additional appendices.

Appendix A: Assurances
Appendix B: General Sources of Information
Appendix C: Legal Descriptions and Ownership Interests
Appendix D: Wastewater Treatment
Appendix E: Spillage Prevention and Control
Appendix F: Construction Management
Appendix G: PSD Permit Application
Appendix H: NPDES Permit Application
Appendix I: Emergency Plans
Appendix J: Criteria, Standards, and Factors Utilized to Develop Transmission Route
Appendix K: Initial Site Restoration Plan
Appendix L: Study Schedule
Appendix M: Mitigation Measures

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D: Guidance Table

Table 1 indicates which responses to sections of Chapter 463-42 WAC should be included in the cover letter to the ASC, in Parts I or II of the ASC, or in both Parts I and II of the ASC. The guidance presented in Table 1 was developed based on two assumptions: (1) the ER (Part I of the ASC) is to be prepared at the level of detail normally expected in an environmental impact statement, and (2) the details required by Chapter 463-42 WAC (but beyond those normally included in an environmental impact statement) are to be presented in Part II (Technical Appendices) of the ASC. However, SPC has the option of expanding the information presented in Part I of the ASC (ER) and including all technical information required by the relevant sections of Chapter 463-42 WAC.

Table 1. Application for Site Certification: Recommended Location of Information Required by Chapter 463-42 WAC[1]

WAC Name and Number	Cover Letter Only	Environmental Report Only	Technical Appendix Only	Both Environmental Report and Technical Appendix[2]
Purpose and scope (463-42-010)[3]	NR	NR	NR	NR
General – Organization – Index (463-42-012)[3]	NR	NR	NR	NR
General – Description of applicant (463-42-015)	—	X	—	—
General – Designation of agent (463-42-025)	X	—	—	—
General – Fee (463-42-035)	Submitted with cover letter	—	—	—
General – Where filed (463-42-045)[3]	NR	NR	NR	NR
General – Form and number of copies (463-42-055)	(1) NR; (2) copies submitted with cover letter	NR	NR	NR
General – Full disclosure by applicant (463-42-065)	X	—	—	—
Assurances (463-42-075)	—	—	X	—
General – Mitigation measures (463-42-085)	—	—	—	X
General – Sources of information (463-42-095)	—	—	—	X
General – Graphic material (463-42-105)[3]	NR	NR	NR	NR

WAC Name and Number	Cover Letter Only	Environmental Report Only	Technical Appendix Only	Both Environmental Report and Technical Appendix[2]
General – Specific contents and applicability (463-42-115)	X	—	—	—
Proposal – Site description (463-42-125)	—	X	—	—
Proposal – Legal descriptions and ownership interests (463-42-135)	—	—	—	X (legal descriptions, plat maps, and other detailed ownership information should be included in the appendix)
Proposal – Construction on site (463-42-145)	—	X	—	—
Proposal – Energy transmission systems (463-42-155)	—	X	—	—
Proposal – Water supply system (463-42-165)	—	X	—	—
Proposal – System of heat dissipation (463-42-175)	—	X	—	—
Proposal – Characteristics of aquatic discharge system (463-42-185)	—	X	—	—
Proposal – Wastewater treatment (463-42-195)	—	—	—	X (detailed descriptions of treatment systems, if appropriate, in appendix)
Proposal – Spillage prevention and control (463-42-205)	—	—	—	X
Proposal – Surface-water Runoff (463-42-215)	—	X	—	—
Proposal – Emission control (463-42-225)	—	X (plus reference to PSD permit application in appendix)	—	—
Proposal – Construction and operation activities (463-42-235)	—	X	—	—
Proposal – Construction management (463-42-245)	—	—	X	—

WAC Name and Number	Cover Letter Only	Environmental Report Only	Technical Appendix Only	Both Environmental Report and Technical Appendix[2]
Proposal – Construction methodology (463-42-255)	—	X	—	—
Proposal – Protection from natural hazards (463-42-265)	—	X (unless detailed seismic or other design is needed in appendix)	—	—
Proposal – Security concerns (463-42-275)	—	X	—	—
Proposal – Study schedules (463-42-285)	—	X	—	—
Proposal – Potential for future activities at site (463-42-295)	—	X	—	—
Natural environment – Earth (463-42-302)	—	X	—	—
Natural environment – Air (463-42-312)	—	X	—	—
Natural environment – Water (463-42-322)	—	X	—	—
Natural environment – Plants and animals (463-42-332)	—	X	—	—
Natural environment – Energy and natural resources (463-42-342)	—	X	—	—
Built environment – Environmental health (463-42-352)	—	X	—	—
Built environment – Land and shoreline use (463-42-362)	—	X	—	—
Built Environment – Transportation (463-42-372)	—	X	—	—
Built Environment – Public services and utilities (463-42-382)	—	X	—	—
PSD permit application (463-42-385)	—	—	X	
NPDES permit application (463-42-435)	—	—	X	—

WAC Name and Number	Cover Letter Only	Environmental Report Only	Technical Appendix Only	Both Environmental Report and Technical Appendix[2]
Emergency plans (463-42-525)	—	—	—	X
Socioeconomic impacts (463-42-535)[4]	—	X	—	—
Criteria, standards, and factors utilized to develop transmission route (463-42-625)	—	—	—	X
Analysis of alternatives (463-42-645)	—	X	—	—
Initial site restoration plan (463-42-655)	—	—	—	X
Detailed site restoration plan – Terminated projects – (463-42-665)[3]	NA	NA	NA	NA
Site preservation plan – Suspended projects (463-42-675)[3]	NA	NA	NA	NA
Site restoration – Terminated projects (463-42-680)[3]	NA	NA	NA	NA
Pertinent federal, state, and local requirements (463-42-685)	—	X	—	—
Amendments to applications, additional studies, procedure (463-42-690)	(1) in cover letter; (2), (3), (4) NA for initial submittal of ASC[3]	—	—	—

Notes:

[1] Key: NR = no response necessary; X = location in ASC; NA = not applicable to initial ASC.

[2] Where indicated to provide "both," a summary of information should be presented in the environmental report, with the complete details to be provided in the appendix. However, as noted previously, SPC has the option of expanding the information presented in Part I of the ASC (ER) and including all technical information required by the relevant section of Chapter 463-42 WAC.

[3] This section or subsection of Chapter 463-42 WAC does not require a response in the ASC or is not applicable to the initial ASC.

[4] If the applicant provides a complete response to the information requirements of the environmental report (see ER outline and Application Guidelines and Criteria presented in Sections III and IV), that information will be considered equivalent to providing a complete response to the socioeconomic impact study required by WAC 463-42-535.